

## SLC 500/PanelView to CompactLogix/SCADA in One Day

When their Water Treatment Plant required a control system upgrade, Purcellville, VA turned to a trusted partner.

After years of operation, their Allen-Bradley SLC 500 PLC became obsolete. And so an upgrade was required. The project included moving to the newest CompactLogix PLC.

The upgrade was essential for continued reliable operation, but also offered the opportunity to enhance plant operations by migrating from the old PanelView displays to Ignition, a full-featured SCADA system. The SCADA system provides greater visibility into



Bernie Snyder, Water Superintendent

### Highlights

- Allen-Bradley SLC500 to CompactLogix upgrade
- PanelView to Ignition migration
- Remote monitoring and alerts
- Smart phone access
- Limited plant downtime

treatment operations, extends automation to two remote wells and provides flexible user interface options, including smart phone access. Ignition also provides an excellent platform for future plant upgrades and enhancements.

But the upgrade also presented a major challenge- the plant couldn't be down for very long. According to Water Superintendent, Bernie Snyder, "We could only give up one day of treatment operations to accomplish this upgrade. The plant serves a community of over 10,000 residents and we have limited storage capacity for finished water. So InstruLogic came up with a plan.

They did the majority of the work offsite and arrived fully prepared. InstruLogic completed the installation and onsite integration work in less than 10 hours- well within our deadline.

I really appreciate the professionalism and personal concern that InstruLogic demonstrated. Even though the system was clearly up and running, InstruLogic's lead tech wouldn't leave until he was satisfied we were producing water. He also stayed in close contact with us for the next three days. We couldn't be happier with the results.

Whether it is SCADA, PLCs, instrumentation or calibrations, InstruLogic's people are great to work with!"

InstruLogic is a technical service firm that has been satisfying the instrumentation and control needs of water and wastewater treatment operators in the Mid Atlantic region for over 30 years.

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\* Ignition is a Trademark of Inductive Automation.